Excerpta Medica

The American Journal of Surgery

The American Journal of Surgery 183 (2002) 708–710

Author Index

A
Abe N, 168
Abumrad NN, 471
Adachi W, 89
Al-Mulhim AS, 669
Al-Mulhim FM, 669
Al-Suwaiygh AA, 669
Alexander JW, 349
Ali J, 142
Aliabadi-Wahle S, 232
Allweis TM, 218
Amano J, 89
Amicucci G, 28
Andersen CA, 580
Anderson K, 146
Anttila V, 53
Are C, 419
Arkadopoulos N, 58
Arya J, 268
Asao T, 317
Asopa HS, 138
Asopa J, 138
Atomi Y, 168, 205, 614
Avissar NE, 361
Avital I, 457
Azizkhan R, 353
Azizkhan RG, 325

B
Bach CM, 75
Backus CL, 192
Baker C, 562
Balasubramaniam A, 430
Balsarkar DJ, 197
Barber A, 471
Barbul A, 406
Barie PS, 97
Barney L, 146
Barone JL, 15
Barsness KA, 268
Barton JE, 499
Batlivala ZS, 464
Bayona M, 15
Beahm EK, 160
Beckett L, 237
Beger HG, 37
Bell RH Jr, 441
Biancari F, 53
Biffl WL, 280
Billingsley KG, 499
Biondo S, 256
Blair NP, 525
Bleiweiss IJ, 213
Blewett CJ, 274
Boardman K, 562
Bogner PN, 290
Boisvert ME, 218
Bold RJ, 237
Borobia FG, 256
Bousamra M II, 162
Bower RH, 325
Boyce ST, 445
Brandt M-M, 290
Brooks J, 132
Brower S, 213
Brown M, 20
Bruins MJ, 480
Bülbül M, 67
Bullock T, 101
Burak WE Jr, 23
Burchard KBW, 655
Burr LH, 571
Butterworth SA, 529

C
Cai X, 283
Campbell WG, 576
Capella JF, 117
Capella RF, 117
Carbone I, 124
Carboni M, 603
Carter PL, 533
Catalano C, 124
Chen C-N, 464
Chen Y, 588
Cherry G, 132
Chicks D, 384
Chiefetz RE, 504
Cho LC, 650
Chung SW, 588
Coe NP, 655
Cohen JI, 539
Cohen T, 62
Cohn SM, 20
Coldman AJ, 504
Contini S, 226
Contis JC, 173
Corless CL, 512, 595
Cothren C, 280
Cox SS, 251
Cray WK Kr, 558
Cummins JS, 499
Curet M, 146
D
Dakkuri RA, 554
Damiano RJ Jr, 703
D'Amore L, 603
DaRosa DA, 246
Das BC, 680
Davis N, 504
de la Roza G, 646
De Oca J, 256
de Souza AL, 280
Deloney LA, 660
Demetriou AA, 457
Demircin M, 292
Demirpence E, 70
Deraco M, 28
Derossis AM, 246
Derzie A, 213
Deutz NEP, 480
Deveney CW, 539
Deveney K, 547
Di Guilio E, 124
Di Padova C, 209
Ditkoff M, 576
Doğan E, 292
Dolgin SE, 95
D'Olimpio JT, 471
Domreis JS, 539
Donnelly MB, 664
Douglas JM Jr, 551
Dralle H, 674
Dubin NH, 218
DuBose J, 618
Dumanian GA, 602
Duncan M, 558
Dunke-Jacobs E, 435

E
Eachempati SR, 97
Eggebroten W, 533
Eidelson BM, 305
Ekici S, 292
Elliott D, 533
Ergün H, 70
Eroglu A, 67
Erwin CR, 435

F
Fahy BN, 237
Fan ST, 42
Felisky CD, 576
Fenlon HM, 191
Fenoglio ME, 642
Fields SI, 62
Fiorentini G, 28
Flanagan L Jr, 99
Flint LM, 232
Fong D, 42
Fotopoulos AC, 173
Fradet GJ, 571
Franklin GA, 290
Freund HR, 62, 413
Frey CF, 237
Fryer JP, 246
Fuko V, 698
Fukuchi SG, 305

G
Gale SS, 600
Gamaletsos EL, 173
Gang G, 353
Garcia M, 317
Garg M, 138
Gazak C, 146
Germann E, 525
Giannoudis P, 622
Giannoudis PV, 261
Godshall CJ, 2
Goering JD, 384
Gold MS, 12
Gossetti F, 603
Goya T, 199
Graf W, 7
Graham CJ, 660
Granderath FA, 110
Granger R, 566
Greenburg AG, 655
Greif F, 698
Guadagni S, 28
Gudas VM, 571
Gürhan I, 70
Guyton SW, 576

H
Haasler GB, 162
Hachiya J, 614
Haenel JB, 280
Haga N, 317
Hagiwara A, 693
Hall RA, 576
Hallemeesch MM, 480
Hanani M, 413
Hanazaki K, 89
Hanley E, 419
Hansen P, 547

0002-9610/02/$ – see front matter © 2002 Excerpta Medica, Inc. All rights reserved.
PII: S0002-9610 (02) 00897-8

Excerpta Medica

The American Journal of Surgery

The American Journal of Surgery 183 (2002) 708–710

Author Index

A
Abe N, 168
Abumrad NN, 471
Adachi W, 89
Al-Mulhim AS, 669
Al-Mulhim FM, 669
Al-Suwaiygh AA, 669
Alexander JW, 349
Ali J, 142
Aliabadi-Wahle S, 232
Allweis TM, 218
Amano J, 89
Amicucci G, 28
Andersen CA, 580
Anderson K, 146
Anttila V, 53
Are C, 419
Arkadopoulos N, 58
Arya J, 268
Asao T, 317
Asopa HS, 138
Asopa J, 138
Atomi Y, 168, 205, 614
Avissar NE, 361
Avital I, 457
Azizkhan R, 353
Azizkhan RG, 325

B
Bach CM, 75
Backus CL, 192
Baker C, 562
Balasubramaniam A, 430
Balsarkar DJ, 197
Barber A, 471
Barbul A, 406
Barie PS, 97
Barney L, 146
Barone JL, 15
Barsness KA, 268
Barton JE, 499
Batlivala ZS, 464
Bayona M, 15
Beahm EK, 160
Beckett L, 237
Beger HG, 37
Bell RH Jr, 441
Biancari F, 53
Biffl WL, 280
Billingsley KG, 499
Biondo S, 256
Blair NP, 525
Bleiweiss IJ, 213
Blewett CJ, 274
Boardman K, 562
Bogner PN, 290
Boisvert ME, 218
Bold RJ, 237
Borobia FG, 256
Bousamra M II, 162
Bower RH, 325
Boyce ST, 445
Brandt M-M, 290
Brooks J, 132
Brower S, 213
Brown M, 20
Bruins MJ, 480
Bülbül M, 67
Bullock T, 101
Burak WE Jr, 23
Burchard KBW, 655
Burr LH, 571
Butterworth SA, 529

C
Cai X, 283
Campbell WG, 576
Capella JF, 117
Capella RF, 117
Carbone I, 124
Carboni M, 603
Carter PL, 533
Catalano C, 124
Chen C-N, 464
Chen Y, 588
Cherry G, 132
Chicks D, 384
Chiefetz RE, 504
Cho LC, 650
Chung SW, 588
Coe NP, 655
Cohen JI, 539
Cohen T, 62
Cohn SM, 20
Coldman AJ, 504
Contini S, 226
Contis JC, 173
Corless CL, 512, 595
Cothren C, 280
Cox SS, 251
Cray WK Kr, 558
Cummins JS, 499
Curet M, 146
D
Dakkuri RA, 554
Damiano RJ Jr, 703
D'Amore L, 603
DaRosa DA, 246
Das BC, 680
Davis N, 504
de la Roza G, 646
De Oca J, 256
de Souza AL, 280
Deloney LA, 660
Demetriou AA, 457
Demircin M, 292
Demirpence E, 70
Deraco M, 28
Derossis AM, 246
Derzie A, 213
Deutz NEP, 480
Deveney CW, 539
Deveney K, 547
Di Guilio E, 124
Di Padova C, 209
Ditkoff M, 576
Doğan E, 292
Dolgin SE, 95
D'Olimpio JT, 471
Domreis JS, 539
Donnelly MB, 664
Douglas JM Jr, 551
Dralle H, 674
Dubin NH, 218
DuBose J, 618
Dumanian GA, 602
Duncan M, 558
Dunke-Jacobs E, 435

E
Eachempati SR, 97
Eggebroten W, 533
Eidelson BM, 305
Ekici S, 292
Elliott D, 533
Ergün H, 70
Eroglu A, 67
Erwin CR, 435

F
Fahy BN, 237
Fan ST, 42
Felisky CD, 576
Fenlon HM, 191
Fenoglio ME, 642
Fields SI, 62
Fiorentini G, 28
Flanagan L Jr, 99
Flint LM, 232
Fong D, 42
Fotopoulos AC, 173
Fradet GJ, 571
Franklin GA, 290
Freund HR, 62, 413
Frey CF, 237
Fryer JP, 246
Fuko V, 698
Fukuchi SG, 305

G
Gale SS, 600
Gamaletsos EL, 173
Gang G, 353
Garcia M, 317
Garg M, 138
Gazak C, 146
Germann E, 525
Giannoudis P, 622
Giannoudis PV, 261
Godshall CJ, 2
Goering JD, 384
Gold MS, 12
Gossetti F, 603
Goya T, 199
Graf W, 7
Graham CJ, 660
Granderath FA, 110
Granger R, 566
Greenburg AG, 655
Greif F, 698
Guadagni S, 28
Gudas VM, 571
Gürhan I, 70
Guyton SW, 576

H
Haasler GB, 162
Hachiya J, 614
Haenel JB, 280
Haga N, 317
Hagiwara A, 693
Hall RA, 576
Hallemeesch MM, 480
Hanani M, 413
Hanazaki K, 89
Hanley E, 419
Hansen P, 547

0002-9610/02/$ – see front matter © 2002 Excerpta Medica, Inc. All rights reserved.
PII: S0002-9610 (02) 00897-8

Hardacre J, 419
Harken AH, 268
Hasselgren P-O, 325, 372
Hay J, 509
Hay JH, 504
Hayashi A, 519
He K, 512
Heinzelmann M, 179
Helmer KS, 608
Henderson C, 571
Hendren SK, 464
Heneghan SJ, 12
Heniford BT, 192
Henry-Tillman R, 660
Hershko D, 372
Hill ME, 576
Hiraguri M, 89
Ho HS, 237
Hock KL, 23
Holden JL, 4
Hollenbeck ST, 23
Homer L, 562
Hourihane A, 471
Howard M, 142
Hui TT, 457
Hummel RP, 329
Hungness E, 372
Hunter JA, 558
Hurley S, 132
Hurst JM, 325

I
Iannaccone R, 124
Ikeda A, 56
Imanishi T, 693
Ince A, 67
Ishikawa F, 687
Itoi H, 693

J
Jacobs D, 146
Jaffer S, 213
James JH, 424
James L, 353
Jamieson WRE, 571
Janusz MT, 571
Jardines L, 305
Jaurrieta E, 256
Jobe BA, 539
Johnson JL, 280
Johnson N, 562
Jones JW, 601
Joshi MA, 197
Juvonen J, 53
Juvonen T, 53

K
Kagarise MJ, 338
Kaiser S, 146
Kajikawa S, 89
Kamolz T, 110
Kaplan S, 292
Kasirajan K, 600
Katayama S-i, 80
Kato H, 317
Kavanagh M, 547
Kawarada Y, 680
Kehagias D, 58
Kehlet H, 630
Keller MS, 95
Kelly J, 519
Kemo C435J
Kemp LC, 23
Kercher KW, 192
Kern J, 618
Kerstein MD, 132
Kirkpatrick AW, 566
Kitamura K, 693
Klaasen DJ, 529
Klimberg VS, 660
Klingensmith ME, 703
Knight R, 642
Koda K, 687
Koide N, 89
Koike E, 282
Kokoska ER, 95
Köksoy C, 70
Kostopanagiotou G, 58
Kostopanagiotou GG, 173
Kotsis T, 58
Krettek C, 261, 622
Kudsk KA, 390
Kuerer HM, 160
Kuroki S, 282
Kutka M, 419
Kuwano H, 317
Kuzu I, 70
Kuzu MA, 70
Kwong KL, 608

L
Laghi A, 124
Lally KP, 608
Lam T, 179
Lang NP, 106, 655
Langdale LA, 499
Lange JF, 96
Larsson S, 509
Lelcuk S, 698
Liu TH, 608
Lo SH, 42
Longnecker DS, 441
Lopez PP, 20
Losanoff JE, 601
Ludwig DJ, 554
Lynch T, 146
Lynge DC, 499
Lynn M, 20

M
Ma R, 509
MacDonald J, 242
MacFarlane J, 509
MacFarlane JK, 504
Machens A, 674
Machi J, 56
Machida H, 168
Madan AK, 232
Mahvi DM, 384
Maniar HS, 703
Mann BD, 305
Martin L, 353
Masaki T, 168, 614
Matsuo K, 199
Matsuo S, 199
Matsuoka H, 614
Matthews BD, 192
Matthews JB, 491
Maurer H, 75
May PE, 471
McClenathan JH, 646
McDonald JM, 441
McDonough JJ, 325
McEntee GP, 191
McGregor G, 504
McGregor GI, 529
McGuckin M, 132
McIntyre TP, 667
McKenna GJ, 588
McKevitt EC, 566
McMaster R, 588
McVay LD, 464
Meakins JL, 399
Mendoza-Sagaon M, 419
Meneghetti A, 588
Mercer DW, 608
Mihara M, 89
Miki N, 56
Minion DJ, 664
Miotto D, 28
Miyazaki M, 687
Mizuguchi T, 457
Mochiki E, 317
Mock CN, 499
Moonka R, 558
Moore EE, 280
Mori T, 168
Morris KT, 547
Mosorin M, 53
Mou Y, 283
Mullenix P, 533
Mullenix PS, 580
Murayama KM, 246
Murphy K, 213

N
Nakabayashi T, 317
Nakamoto M, 199
Nakaya Y, 168
Nason KS, 499
Neale HW, 325
Negro P, 603
Nehoda H, 99
Nelson J, 562
Nelson LA, 435
Neumayer L, 146
Niederhuber JE, 384
Nishida T, 80
Nissan A, 62, 413
Nissman SA, 305
Nogler M, 75
Noguchi S, 282
Nudelman IL, 698
Nunomura M, 687
Nussbaum M, 353

O
O/Brien DP, 435
Oda K, 687
Offner PJ, 280
Ogon M, 75
O'Hanlon DM, 191
Ohshima A, 282
Olney C, 300
Olsen SB, 580
Olyaei AJ, 595
Ong C, 588
O'Rourke A, 15
Orrom W, 519
Otero SE, 218
Otsuji E, 693
Özen H, 292

P
Påhlman L, 7
Palumbo G, 28
Panton ONM, 529
Pape H-C, 261, 622
Parés D, 256
Parviz M, 162
Pasaoğlu I, 292
Pasiut M, 110
Passariello R, 124
Paukert JL, 300
Paull DL, 576
Peck JJ, 98
Peng C, 283
Peng S, 283
Perry DJ, 218
Peters GN, 650
Petty J, 584
Petty JK, 512
Phang PT, 504
Pilati PL, 28
Pitts J, 504
Poch B, 37
Pointer R, 110
Polk HC Jr, 1, 489, 606, 613
Poon RTP, 42
Popkin CA, 20
Porten L, 132
Porter C, 533
Prahl SA, 584
Prasad SM, 703
Priebat DA, 218
Pritts T, 353, 372
Proposito D, 603
Pulito A, 664

Q
Quick RC, 664

R
Rabkin JM, 595
Raeburn CD, 268
Rafferty J, 353
Ragué JM, 256
Ray EC, 361
Reed WP, 655
Regehr G, 242
Richards ML, 300
Richman BW, 601
Rikkers LF, 384
Robb B, 353, 372
Robertson S, 305
Robinson EK, 608
Rogers DA, 242
Romagnoli R, 156
Rombeau JL, 464
Rosen HR, 595
Rosenthal E, 539
Ross MI, 160
Rossi CR, 28
Rowland-Morin PA, 655
Rozga J, 457
Rusnak C, 519
Rusnak CH, 493
Russo F, 28

S
Sachdev U, 213
Sadighi PJ, 655
Saito N, 687
Sakakura C, 693
Salizzoni M, 156
Salzman N, 464
Santinami M, 28
Sarashina H, 687
Satta J, 53
Savidge M, 660
Sax HC, 361
Scarpignato C, 226
Schillaci A, 124
Schlosser W, 37
Schwartz R, 664
Schweiger UM, 110
Scondras C, 58
Scott M, 179
Scudamore CH, 588
See C, 533
Seeskin C, 353
Sekulla C, 674
Sell HW Jr, 667
Senzer N, 650
Shaw C, 191
Sheldon GF, 338
Sheppard B, 539
Sheppard F, 268
Sherman HB, 246
Shimada K, 89
Shimozawa N, 89
Shuck JM, 345
Simons RK, 566
Sing RF, 192
Singh L, 138
Singhal GG, 138
Smith M, 618
Smith MR, 261
Smith RM, 588
Smyrniotis V, 58
Smyrniotis VE, 173
Soeters PB, 480
Soper NJ, 703
Spaniol S, 551
Speers C, 504
Spence RK, 655
Spira RM, 62
Stahlfeld KR, 667
Standage B, 547
Stefaànsson T, 7
Steichen FM, 103
Steinberg SM, 232
Steingruber IE, 75
Stelzner M, 499
Stoops M, 353
Sturm R, 222
Sugiyama M, 168, 205, 614
Sugiyama N, 457
Sullivan BJ, 504
Suzuki K, 168
Suzuki M, 687
Suzuki T, 317
Swain GP, 464
Swanson MS, 251
Swisher SG, 160

T
Takahara T, 614
Takiguchi N, 687
Talamini M, 419
Tanaka M, 282
Tankel K, 509
Tarhan O, 67
Taylor R504H
Teach JS, 584
Tesi D, 232
Thomusch O, 674
Thörn M, 7
Toda H, 168
Tollefson DFJ, 580
Toral D, 256
Toung T, 419
Toy E, 509
Traverso LW, 554
Tribble C, 618
Tritapepe R, 209
Tsantoulas D, 58
Tsujimoto M, 80
Tsunoda T, 87

U
Uchino S, 282
Urschel JD, 274

V
Valenti M, 28
van Eijk HMH, 480
Varkey-Zell TT, 15
Vasan H, 274
Vasquez JC, 608
Vassiliou JG, 173
Vertesi L, 566
Vetto JT, 512
Veysi VT, 261
Voros DC, 173

W
Waldorf K, 562
Walls G, 674
Walsh RW, 192
Walts D, 562
Wang Q, 372
Wang S-H, 151
Warden GD, 325, 445
Warner B, 353
Warner BW, 435
Watanabe S, 282
Watanabe T, 168
Waterman R, 132
Watts D, 533
Weber TR, 95
Wechter DG, 558
Wei T-S, 151
Weinberg AD, 512
Weyant MJ, 97
Whiteford MH, 547
Wiesberg TT, 539
Williams J, 142
Williams JL, 435
Williams NN, 464
Willis PM, 12
Wilmore DW, 630
Wimmer C, 75
Witte MB, 406
Wolf RF, 584
Wong J, 42
Wong LL, 309
Wykypiel H Jr 110, 110

X
Xie H, 584

Y
Yahara T, 56
Yamagishi H, 693
Yamagiwa K, 680
Yamashita H, 282
Yamashita K, 87
Yanagida T, 199
Yarofalir J, 56
Yasunaga C, 199
Yol S, 96
Young DC, 23

Z
Zamboni F, 156
Zamir O, 62
Zell JA, 15
Zervos EE, 23

Excerpta Medica

The American Journal of Surgery

The American Journal of Surgery 183 (2002) 711–725

Subject Index

A

ABDOMINAL WALL DEFECTS
"Separation of Parts" Technique: Is It the Only Alternative for Autologous Repair of Challenging Abdominal Wall Defects? (Letter), 601

ACADEMIC SURGERY
History of the Department of Surgery in Cincinnati, 329

ACTIVATED CARBON
Subtotal Gastrectomy for Cancer Located in the Greated Curvature of the Middle Stomach with Prevention of the Left Gastric Artery, 693

ACUTE APPENDITIS
The Incision of Choice for Pregnant Women with Appendicitis is Through McBurney's Point, 20

ACUTE CHOLECYSTITIS
Percutaneous Transhepactic Cholecystostomy and Delayed Laparoscopic Cholecystectomy in Critically Ill Patients with Acute Calculus Cholecystitis, 62
The Role of Laparoscopic Cholecystectomy in the Management of Acute Cholecystitis in Patients with Sickle Cell Disease, 669

ACUTE DISEASE
How Early is Early Laparoscopic Treatment of Acute Cholecystitis?, 232

ACUTE HEPATIC FAILURE
Immediate Early Genes and p21 Regulation in Liver of Rats with Acute Hepatic Failure, 457

ACUTE RESPIRATORY DISTRESS SYNDROME
The Outcome of Early Pressure-controlled Inverse Ratio Ventilation on Patients with Severe Acute Respiratory Distress Syndrome in Surgical Intensive Care Unit, 151

ADENOID CYSTIC
Adenoid Cystic Breast Cancer, 646

ADHESION MOLECULES
Role of integrins and Intracellular Adhesion Molecule-1 in Lung Injury After Intestinal Ischemia-Reperfusion, 70

ADHOCRACY
Personal Observations on the Cultural Evolution in Academic Surgery, 345

ADVANCED TRAUMA LIFE SUPPORT
Is Attrition of Advanced Trauma Life Support Acquired Skills Affected by Trauma Patient Volume?, 142

AGE
Perspective on Reconstruction After Mastectomy, 562

ALBUMIN
Argon Ion Beam Hemostasis with Albumin After Liver Resection, 584

ALGORITHM
Standardized Patient Care Guidelines Reduce Infectious Morbidity in Appendectomy Patients, 608

ALIMENTARY TRACT
Direct Inhibitory Effect of Erythromycin on Human Alimentary Tract Smooth Muscle, 413

AMINO ACID TRANSPORT
Growth Factor Regulation of Enterocyte Nutrient Transport During Intestinal Adaptation, 361

ANASTOMOTIC LEAK
Pancreaticojejunostomy with Invagination of Spatulated Pancreatic Stump into a Jejunal Pouch, 138

ANEURYSM REPAIR
Ten-year Outcome of Patients with Very Small Abdominal Aortic Aneurysm, 53

ANEURYSM RUPTURE
Ten-year Outcome of Patients with Very Small Abdominal Aortic Aneurysm, 53

ANGIOPLASTY
Carotid Endarterectomy Remains the Gold Standard, 580

ANOPLASTY
Initial Experience with Stapled Anoplasty in the Operative Management of Prolapsing Hemorrhoids and Mucosal Rectal Prolapse, 519

ANTIBIOTICS
Further to the Point, 606
Standardized Patient Care Guidelines Reduce Infectious Morbidity in Appendectomy Patients, 608

ANTINEOPLASTIC AGENTS
A Meta-analysis of Randomized Controlled Trials That Compared Neoadjuvant Chemotherapy and Surgery to Surgery Alone for Resectable Esophageal Cancer, 274

ANTIREFLUX SURGERY
Effect of Laparoscopic Antireflux Surgery Upon Renal Blood Flow, 419
Quality of Life and Symptomatic Outcome Three to Five Years After Laparoscopic Toupet Fundoplication in Gastroesophageal Reflux Disease Patients with Impaired Esophageal Motility, 110
Surgical Management of Gastroesophageal Reflux and Outcome After Laryngectomy in Patients Using Tracheoesophageal Speech, 539

ANTISEPTIC/SALINE FLUSHING
Excision and Primary Closure of Pilonidal Sinus Using a Drain for Antiseptic Wound Flushing, 209

APPENDECTOMY
Standardized Patient Care Guidelines Reduce Infectious Morbidity in Appendectomy Patients, 608

APPENDICITIS
Clinical Role of Noncontrast Helical Computed Tomography in Diagnosis of Acute Appendicitis (Letter), 97
The Incision of Choice for Pregnant Women with Appendicitis is Through McBurney's Point, 20

0002-9610/02/$ – see front matter © 2002 Excerpta Medica, Inc. All rights reserved.
PII: S0002-9610 (02) 00898-X

The Rational Use of Computed Tomography Scans in the Diagnosis of Appendicitis, 547

ARGININE
Nutritional Pharmacology in Surgical Patients, 349
Quantitative In Vivo Assessment of Arginine Utilization and Nitric Oxide Production in Endotoxemia, 480
Reversal of Cancer-related Wasting Using Oral Supplementation with a Combination of β-Hydroxy-β-Methylbutyrate, Arginine, and Glutamine, 471
Role of Nitric Oxide in Wound Repair, 406

ASSESSMENT
Identification of Teaching Excellence in Operating Room Clinic Settings, 251
Innovation in Surgery: The Rules of Evidence, 399

ATLS
Is Attrition of Advanced Trauma Life Support Acquired Skills Affected by Trauma Patient Volume?, 142

AXILLARY LYMPHADENECTOMY
A Comparison of Rates of Lymph Node Metastases Between Patients Undergoing Sentinel and Axillary Lymphadenectomy, 558

B

BACTERIA
Factors Predisposing to Bacterial Invasion and Infection, 179

BARIATRIC SURGERY
An Assessment of Vertical Banded Gastroplasty—Roux-en-Y gastric bypass, 117
An Institutional Experience with Laparoscopic Gastric Bypass Complications Seen in the First Year Compared with Open Gastric Bypass Complications During the Same Period, 533
Results and Complications After Adjustable Gastric Banding (Letter), 99

BENIGN NODULE
Video-assisted Thyroid Lobectomy through a Small Wound in the Submandibular Area, 286

BETA-BLOCKERS
Ten-year Outcome of Patients with Very Small Abdominal Aortic Aneurysm, 53

BILATERAL INGUINAL HERNIA
Should Bilateral Inguinal Hernias be Repaired During One Operation?, 554

BILIARY COMMUNICATION
Pyogenic Hepatic Abscess with Biliary Communication, 205

BLEEDING
Argon Ion Beam Hemostasis with Albumin After Liver Resection, 584

BLOOD LOSS SURGICAL/PREVENTION AND CONTROL
Total versus Selective Hepatic Vascular Exclusion in Major Liver Resections, 173

BLOOD VESSEL INVASION
The Clinicopathologic Significance of Histologic Vascular Invasion in Differentiated Thyroid Carcinoma, 80

BLUNT TRAUMA
Identifying Patients at Risk for Intracranial and Extracranial Blunt Carotid Injuries, 566

BOMBESIN
Current Aspects of Mucosal Immunology and Its Influence by Nutrition, 390

BOWEL OBSTRUCTION
Intestinal Tuberculosis Presenting as a Bowel Obstruction, 290
Preoperative Evaluation by Magnetic Resonance Imaging in Patients with Bowel Obstruction, 614

BRANCHED-CHAIN AMINO ACIDS
Branched Chain Amino Acids in Hepatic Encephalopathy, 424

BREAST CANCER
A Comparison of Rates of Lymph Node Metastases Between Patients Undergoing Sentinel and Axillary Lymphadenectomy, 558
Conservative Surgery and Radiation Therapy for Macroscopically Multiple Ipsilateral Invasive Breast Cancers, 650
Immediate Reconstruction After Mastectomy for Breast Cancer Does Not Prolong the Time to Starting Adjuvant Chemotherapy, 218
Predictors of Nonsentinel Lymph Node Metastasis in Breast Cancer Patients, 213
Sentinel Lymph Node Biopsy Results in Less Postoperative Morbidity Compared with Axillary Lymph Node Dissection for Breast Cancer, 23 Surgery for Inoperable Breast Cancer, 160

BREAST CONSERVATION
Conservative Surgery and Radiation Therapy for Macroscopically Multiple Ipsilateral Invasive Breast Cancers, 650

BREAST NEOPLASM
Adenoid Cystic Breast Cancer, 646

BRUSH-BORDER MEMBRANE
Growth Factor Regulation of Enterocyte Nutrient Transport During Intestinal Adaptation, 361

BURNS
Principles and Practices for Treatment of Cutaneous Wounds with Cultured Skin Substitutes, 445

C

CANCER
A 15-year Retrospective Study of Hepatic Resection for Stage IV-1 Hepatocellular Carcinoma Shows Value in Hepatitis B Negative Patients, 89
Adenoid Cystic Breast Cancer, 646
Analysis of the Relationships between Clinicopathologic Factors and Survival Time in Intrahepatic Cholangiocarcinoma, 680
A Comparison of Rates of Lymph Node Metastases Between Patients Undergoing Sentinel and Axillary Lymphadenectomy, 558
Current Status of Liver Transplantation for Hepatocellular Cancer, 309
A Decade of Experience with Transthoracic and Transhiatal Esophagectomy, 162
Effects of Positive Resection Margin and Tumor Distance from Anus on Rectal Cancer Treatment Outcomes, 504
Immediate Reconstruction After Mastectomy for Breast Cancer Does Not Prolong the Time to Starting Adjuvant Chemotherapy, 218
Nuclear Morphometric Analysis of T2 Lesions of the Rectum—A Simple, Reproducible Method for Predicting Malignancy Potential, 687
Predictors of Nonsentinel Lymph Node Metastasis in Breast Cancer Patients, 213
Risk Factors Predictive of Lymph Node Metastasis in Depressed Early Gastric Cancer, 168
Sentinel Lymph Node Biopsy Results in Less Postoperative Morbidity Compared with Axillary Lymph Node Dissection for Breast Cancer, 23
Short-course Preoperative Radiation Therapy for Operable Rectal Cancer, 509
Subtotal Gastrectomy for Cancer Located in the Greated Curvature of the Middle Stomach with Prevention of the Left Gastric Artery, 693
Surgery for Inoperable Breast Cancer, 160
Surgical Management of Renal Cell Carcinoma with Inferior Vena Cava Tumor Thrombus, 292
Survival in Human Colorectal Cancer Cor-

relates with Expression of the T-cell Costimulatory Molecule OX-40 (CD134), 512

CANCER-RELATED CACHEXIA
Reversal of Cancer-related Wasting Using Oral Supplementation with a Combination of β-Hydroxy-β-Methylbutyrate, Arginine, and Glutamine, 471

CARDIAC SURGERY
Prevention of Postoperative Pneumothorax in Patients Undergoing Cardiac Surgery, 551

CARDIOPULMONARY BYPASS
Traumatic Rupture of the Thoracic Aorta: Third Decade of Experience, 571

CARDIOVASCULAR COMPLICATIONS
Immunosuppression Impact on Long-term Cardiovascular Complications After Liver Transplantation, 595

CAREER CHOICE
Perceptions of Women Medical Students and Their Influence on Career Choice, 146

CAREER SATISFACTION
The Impact of Practice Setting and Financial Incentives on Career Satisfaction and Perceived Practice Limitations among Surgeons, 222
A Neighbor's Perspective on Josef E. Fischer, 489
Perceptions of Women Medical Students and Their Influence on Career Choice, 146

CAROTID ARTERY INJURY
Identifying Patients at Risk for Intracranial and Extracranial Blunt Carotid Injuries, 566

CAROTID ENDARTERECTOMY
Carotid Endarterectomy Remains the Gold Standard, 580

CAROTID STENOSIS
Carotid Endarterectomy Remains the Gold Standard, 580

CAVAL ANASTOMOSIS
Extracorporeal Suture Technique for Suprahepatic Caval Anastomosis in Liver Transplantation, 156

CAVAL THROMBUS
Surgical Management of Renal Cell Carcinoma with Inferior Vena Cava Tumor Thrombus, 292

CERTIFICATION
The Effect of Improving Communication Competency on the Certifying Examination of the American Board of Surgery, 655

CHEMOTHERAPY
Deliberate Hypoxic Pelvic and Limb Chemoperfusion in the Treatment of Recurrent Melanoma, 28
Immediate Reconstruction After Mastectomy for Breast Cancer Does Not Prolong the Time to Starting Adjuvant Chemotherapy, 218
Morbidity and Mortality Associated with Intraperitoneal Chemotherapy for Pseudomyxoma Peritonei, 529

CHILDREN
Acute Ovarian Torsion in Children (Letter), 95

CHOLANGIOCARCINOMA
Analysis of the Relationships between Clinicopathologic Factors and Survival Time in Intrahepatic Cholangiocarcinoma, 680

CHOLECYSTECTOMY
How Early is Early Laparoscopic Treatment of Acute Cholecystitis?, 232
Percutaneous Transhepactic Cholecystostomy and Delayed Laparoscopic Cholecystectomy in Critically Ill Patients with Acute Calculus Cholecystitis, 62
The Role of Laparoscopic Cholecystectomy in the Management of Acute Cholecystitis in Patients with Sickle Cell Disease, 669

CHOLECYSTITIS
How Early is Early Laparoscopic Treatment of Acute Cholecystitis?, 232
Percutaneous Transhepactic Cholecystostomy and Delayed Laparoscopic Cholecystectomy in Critically Ill Patients with Acute Calculus Cholecystitis, 62
The Role of Laparoscopic Cholecystectomy in the Management of Acute Cholecystitis in Patients with Sickle Cell Disease, 669

CHOLECYSTODUODENAL FISTULA
Gallstone Ileus with Cholecystoduodenal Fistula, 56

CHOLECYSTOSTOMY
Percutaneous Transhepactic Cholecystostomy and Delayed Laparoscopic Cholecystectomy in Critically Ill Patients with Acute Calculus Cholecystitis, 62

CHRONIC PANCREATITIS
Duodenum-preserving Pancreatic Head Resection Leads to Relief of Common Bile Duct Stenosis, 37

CHRONIC WOUND
Validation of Venous Leg Ulcer Guidelines in the United States and United Kingdom, 132

CIAGLIA TECHNIQUE
Evaluation of a New Technique for Bedside Percutaneous Tracheostomy, 280

CLAN
Personal Observations on the Cultural Evolution in Academic Surgery, 345

CLEAR SURGICAL MARGINS
Conservative Surgery and Radiation Therapy for Macroscopically Multiple Ipsilateral Invasive Breast Cancers, 650

CLERKSHIP
An Encounter Card System for Increasing Feedback to Students, 300

CLINICAL JUDGMENT
The Rational Use of Computed Tomography Scans in the Diagnosis of Appendicitis, 547

CLINICAL TRIALS
Consensus Statement on Scientific Data from Clinical Trials and Investigators' Responsibilities and Rights, 605
Further to the Point, 606

CLINICAL UTILITY
Clinical Potentials of Neuropeptide Y Family of Hormones, 430

CLIPS
Surgical Clips to Help Indentify Anatomy After a Nissen Fundoplication, 12

COLITIS
Quality of Life in Patients Undergoing Ileal Pouch-anal Anastomosis at the University of Cincinnati, 353

COLON
Detection of Colorectal Lesions with Virtual Computed Tomographic Colonography, 124
Direct Inhibitory Effect of Erythromycin on Human Alimentary Tract Smooth Muscle, 413

COLON INTERPOSITION
Management of Long-Term Failure After Colon Interposition for Benign Disease, 544

COLON NEOPLASMS
The Utility of Routine Preoperative Computed Tomography Scanning in the Man-

agement of Veterans with Colon Cancer, 499

COLON POLYPS
Detection of Colorectal Lesions with Virtual Computed Tomographic Colonography, 124

COLONIC ANASTOMOSIS
Colonic Anastomosis with the Nickel-titanium Temperature-dependent Memory-shape Device, 698

COLONIC LAVAGE
Emergency Operations for Nondiverticular Perforation of the Left Colon, 256

COLONIC RESECTION
Clinical and Functional Results After Elective Colonic Resection in 75 Consecutive Patients With Diverticular Disease, 7

COLONOSCOPY
Detection of Colorectal Lesions with Virtual Computed Tomographic Colonography, 124

COLORECTAL CANCER
Detection of Colorectal Lesions with Virtual Computed Tomographic Colonography, 124
Survival in Human Colorectal Cancer Correlates with Expression of the T-cell Costimulatory Molecule OX-40 (CD134), 512

COMMON BILE DUCT STENOSIS
Duodenum-preserving Pancreatic Head Resection Leads to Relief of Common Bile Duct Stenosis, 37

COMMUNICATION SKILLS
The Effect of Improving Communication Competency on the Certifying Examination of the American Board of Surgery, 655

COMMUNITY HOSPITALS
The Rational Use of Computed Tomography Scans in the Diagnosis of Appendicitis, 547

COMPLICATION
Early Esophageal Transit Study After Laparoscopic Fundoplication: How Useful Is It?, 226

COMPONENT SEPARATION
The Use of the Kugel Mesh in Ventral Hernia Repairs, 642

COMPRESSION ANASTOMOSIS CLIP
Colonic Anastomosis with the Nickel-titanium Temperature-dependent Memory-shape Device, 698

COMPUTED TOMOGRAPHY
Clinical Role of Noncontrast Helical Computed Tomography in Diagnosis of Acute Appendicitis, 97
Clinical Role of Noncontrast Helical Computed Tomography in Diagnosis of Acute Appendicitis (Letter), 97
Detection of Colorectal Lesions with Virtual Computed Tomographic Colonography, 124
The Rational Use of Computed Tomography Scans in the Diagnosis of Appendicitis, 547
Surgery for Inoperable Breast Cancer, 160
The Utility of Routine Preoperative Computed Tomography Scanning in the Management of Veterans with Colon Cancer, 499

COMPUTER
The Development of an Interactive Game-based Tool for Learning Surgical Management Algorithms via Computer, 305

COMPUTER-ASSISTED SURGERY
The Effect of Robotic Assistance on Learning Curves for Basic Laparoscopic Skills, 703

COMPUTER SIMULATION
Are Multiple Objective Measures of Student Performance Necessary?, 664

CONSENSUS STATEMENT
Consensus Statement on Scientific Data from Clinical Trials and Investigators' Responsibilities and Rights, 605

CONTINENCE
Quality of Life in Patients Undergoing Ileal Pouch-anal Anastomosis at the University of Cincinnati, 353

CONTRACTILITY
Direct Inhibitory Effect of Erythromycin on Human Alimentary Tract Smooth Muscle, 413

CORONARY ARTERY BYPASS
Endoscopic Greater Saphenous Vein Harvesting Reduces the Morbidity of Coronary Artery Bypass Surgery, 576

COST
Shouldn't Cost be Considered a Significant Issue in Medical Care?, 4

CRITICALLY ILL
Percutaneous Transhepactic Cholecystostomy and Delayed Laparoscopic Cholecystectomy in Critically Ill Patients with Acute Calculus Cholecystitis, 62

CRYOABLATION
Cryoablation and Liver Resection for Noncolorectal Liver Metastases, 384

CULTURAL EVOLUTION
Personal Observations on the Cultural Evolution in Academic Surgery, 345

CULTURED SKIN
Principles and Practices for Treatment of Cutaneous Wounds with Cultured Skin Substitutes, 445

CURATIVE RESECTION
Analysis of the Relationships between Clinicopathologic Factors and Survival Time in Intrahepatic Cholangiocarcinoma, 680

CYTOKINES
Cytokines for Surgeons, 268
Mucosal and Enterocyte IL-6 Production During Sepsis and Endotoxemia Role of Transcription Factors and Regulation by the Stress Response, 372

D

DAMAGE CONTROL
The Timing of Fracture Treatment in Polytrauma Patients: Relevance of Damage Control Orthopedic Surgery, 622

DIAGNOSIS
Validation of Venous Leg Ulcer Guidelines in the United States and United Kingdom, 132

DIHYDROPYRIMIDINE DEHYDROGENASE DEFICIENCY
Morbidity and Mortality Associated with Intraperitoneal Chemotherapy for Pseudomyxoma Peritonei, 529

DISEASE
Clinical Potentials of Neuropeptide Y Family of Hormones, 430

DISTAL PANCREATECTOMY
Morbidity, Mortality, and Technical Factors of Distal Pancreatectomy, 237

DISTANCE LEARNING
An Assessment of Surgical Education, 106

DISTINGUISHED CAREERS
A Neighbor's Perspective on Josef E. Fischer, 489

DIVERTICULAR DISEASE
Clinical and Functional Results After Elective Colonic Resection in 75 Consecutive Patients With Diverticular Disease, 7

DUODENUM-PRESERVING PANCREATIC HEAD RESECTION
Duodenum-preserving Pancreatic Head Resection Leads to Relief of Common Bile Duct Stenosis, 37

DYSPHAGIA
Early Esophageal Transit Study After Laparoscopic Fundoplication: How Useful Is It?, 226

E

EARLY GASTRIC CANCER
Risk Factors Predictive of Lymph Node Metastasis in Depressed Early Gastric Cancer, 168

EDUCATION
Are Multiple Objective Measures of Student Performance Necessary?, 664
A Critical Evaluation of the Morbidity and Mortality Conference, 246
The Establishment of a Surgical Interest Society for Medical Students, 618
Is Attrition of Advanced Trauma Life Support Acquired Skills Affected by Trauma Patient Volume?, 142

EDUCATIONAL EFFICIENCY
An Assessment of Surgical Education, 106

EMPATHY
The Medical Student as Patient Navigator as an Approach to Teaching Empathy, 660

ENDOSCOPIC BILIARY STENTING
Pyogenic Hepatic Abscess with Biliary Communication, 205

ENDOSCOPIC MUCOSAL RESECTION
Risk Factors Predictive of Lymph Node Metastasis in Depressed Early Gastric Cancer, 168

ENDOSCOPIC SURGERY
Video-assisted Thyroid Lobectomy through a Small Wound in the Submandibular Area, 286

ENDOSCOPIC VEIN HARVEST
Endoscopic Greater Saphenous Vein Harvesting Reduces the Morbidity of Coronary Artery Bypass Surgery, 576

ENDOTOXEMIA
Quantitative In Vivo Assessment of Arginine Utilization and Nitric Oxide Production in Endotoxemia, 480

ENTERAL FEEDING
Current Aspects of Mucosal Immunology and Its Influence by Nutrition, 390

ENTERECTOMY
Intestinal and Hepatic Response to Combined Partial Hepatectomy and Small Bowel Resection in Mice, 435

ENTEROCYTES
Growth Factor Regulation of Enterocyte Nutrient Transport During Intestinal Adaptation, 361
Mucosal and Enterocyte IL-6 Production During Sepsis and Endotoxemia Role of Transcription Factors and Regulation by the Stress Response, 372

EPIDERMAL GROWTH FACTOR
Intestinal and Hepatic Response to Combined Partial Hepatectomy and Small Bowel Resection in Mice, 435

ERROR
A Role for Error Training in Surgical Technical Skill Instruction and Evaluation, 242

ERYTHROMYCIN
Direct Inhibitory Effect of Erythromycin on Human Alimentary Tract Smooth Muscle, 413
Gastropyloric Motor Activity and the Effects of Erythromycin Given Orally After Esophagectomy, 317

ERYTHROPOIETIN RESISTANCE
Early Effects of Parathyroidectomy on Erythropoietin Production in Secondary Hyperparathyroidism, 199

ESOPHAGEAL CANCER
A Decade of Experience with Transthoracic and Transhiatal Esophagectomy, 162

ESOPHAGEAL NEOPLASMS
A Meta-analysis of Randomized Controlled Trials That Compared Neoadjuvant Chemotherapy and Surgery to Surgery Alone for Resectable Esophageal Cancer, 274

ESOPHAGEAL REPLACEMENT
Management of Long-Term Failure After Colon Interposition for Benign Disease, 544

ESOPHAGEAL TRANSIT
Early Esophageal Transit Study After Laparoscopic Fundoplication: How Useful Is It?, 226

ESOPHAGECTOMY
A Decade of Experience with Transthoracic and Transhiatal Esophagectomy, 162
Gastropyloric Motor Activity and the Effects of Erythromycin Given Orally After Esophagectomy, 317

EVALUATION
Identification of Teaching Excellence in Operating Room Clinic Settings, 251

EVALUATION SYSTEMS
An Encounter Card System for Increasing Feedback to Students, 300

EVIDENCE-BASED TREATMENT
Surgical Treatment—Evidence-based and Problem-oriented (Book Review), 101

EXPERIENTIAL LEARNING
The Medical Student as Patient Navigator as an Approach to Teaching Empathy, 660

EXTRACORPOREAL SUTURE TECHNIQUE
Extracorporeal Suture Technique for Suprahepatic Caval Anastomosis in Liver Transplantation, 156

F

FAILURE OF FUNDOPLICATION
Surgical Clips to Help Indentify Anatomy After a Nissen Fundoplication, 12

FAMILIAL ADENOMATOUS POLYPOSIS
Quality of Life in Patients Undergoing Ileal Pouch-anal Anastomosis at the University of Cincinnati, 353

FAST TRACK SURGERY
The Timing of Fracture Treatment in Polytrauma Patients: Relevance of Damage Control Orthopedic Surgery, 622

FEEDBACK
An Encounter Card System for Increasing Feedback to Students, 300

FESTSCHRIFT
Festschrift for Josef E. Fischer, MD, 325

FINANCIAL INCENTIVES
The Impact of Practice Setting and Financial Incentives on Career Satisfaction and Perceived Practice Limitations among Surgeons, 222

FISCHER, JOSEF E.
Academic Surgery at the University of Cinncinnati: The Legacy of Josef E. Fischer, 491
Festschrift for Josef E. Fischer, MD, 325
History of the Department of Surgery in Cincinnati, 329
A Neighbor's Perspective on Josef E. Fischer, 489
Surgical Organizations in the 21st Century, 338

FISTULA
Gallstone Ileus with Cholecystoduodenal Fistula, 56

5-FLUOROURACIL
Morbidity and Mortality Associated with Intraperitoneal Chemotherapy for Pseudomyxoma Peritonei, 529

FRACTURE FIXATION
When Should We Operate on Major Fractures in Patients with Severe Head Injuries?, 261

FRACTURE TREATMENT
The Timing of Fracture Treatment in Polytrauma Patients: Relevance of Damage Control Orthopedic Surgery, 622

G

GALLBLADDER
Direct Inhibitory Effect of Erythromycin on Human Alimentary Tract Smooth Muscle, 413

GALLSTONE
Gallstone Ileus with Cholecystoduodenal Fistula, 56

GAME-BASED LEARNING
The Development of an Interactive Game-based Tool for Learning Surgical Management Algorithms via Computer, 305

GASTRIC BANDING
Results and Complications After Adjustable Gastric Banding (Letter), 99

GASTRIC BYPASS
An Assessment of Vertical Banded Gastroplasty—Roux-en-Y gastric bypass, 117

GASTRIC CANCER
Risk Factors Predictive of Lymph Node Metastasis in Depressed Early Gastric Cancer, 168
Subtotal Gastrectomy for Cancer Located in the Greated Curvature of the Middle Stomach with Prevention of the Left Gastric Artery, 693

GASTRIC TUBE
Gastropyloric Motor Activity and the Effects of Erythromycin Given Orally After Esophagectomy, 317

GASTRIN
Effect of Hypergastrinemia on Pancreatic Carcinogenesis, 441

GASTRINOMA
Gastrinoma, 667

GASTROESOPHAGEAL REFLUX DISEASE
Quality of Life and Symptomatic Outcome Three to Five Years After Laparoscopic Toupet Fundoplication in Gastroesophageal Reflux Disease Patients with Impaired Esophageal Motility, 110

GASTROGRAM
Three-dimensional Computer Images of Stomach Disease, 87

GASTROINTESTINAL BLEEDING
Rupture of Splenic Artery Pseudoaneurysm Presenting with Massive Upper Gastrointestinal Bleed, 197

GASTROPYLORIC MOTILITY
Gastropyloric Motor Activity and the Effects of Erythromycin Given Orally After Esophagectomy, 317

GERD
Surgical Management of Gastroesophageal Reflux and Outcome After Laryngectomy in Patients Using Tracheoesophageal Speech, 539

GLUTAMINE
Branched Chain Amino Acids in Hepatic Encephalopathy, 424
Current Aspects of Mucosal Immunology and Its Influence by Nutrition, 390
Nutritional Pharmacology in Surgical Patients, 349
Reversal of Cancer-related Wasting Using Oral Supplementation with a Combination of β-Hydroxy-β-Methylbutyrate, Arginine, and Glutamine, 471

GRADING
Are Multiple Objective Measures of Student Performance Necessary?, 664

GREATER CURVATURE
Subtotal Gastrectomy for Cancer Located in the Greated Curvature of the Middle Stomach with Prevention of the Left Gastric Artery, 693

GREATER SAPHENOUS VEIN
Endoscopic Greater Saphenous Vein Harvesting Reduces the Morbidity of Coronary Artery Bypass Surgery, 576

GROIN HERNIA
Should Bilateral Inguinal Hernias be Repaired During One Operation?, 554

GROWTH FACTORS
Growth Factor Regulation of Enterocyte Nutrient Transport During Intestinal Adaptation, 361

GUIDELINES
Validation of Venous Leg Ulcer Guidelines in the United States and United Kingdom, 132

GUT-ASSOCIATED LYMPHOID TISSUE
Current Aspects of Mucosal Immunology and Its Influence by Nutrition, 390

H

HAND-ASSISTED LAPAROSCOPIC SURGERY
Laparoscopic Splenectomy for Massive Splenomegaly, 192

HEAD INJURY
When Should We Operate on Major Fractures in Patients with Severe Head Injuries?, 261

HEALTH MAINTENANCE ORGANIZATIONS
Adenoid Cystic Breast Cancer, 646

HEAT SHOCK RESPONSE
Mucosal and Enterocyte IL-6 Production During Sepsis and Endotoxemia Role of Transcription Factors and Regulation by the Stress Response, 372

HELICOBACTER PYLORI
Treatment of Infection in Patients with Peptic Ulcer Disease, 2

HEMORRHOIDS
Initial Experience with Stapled Anoplasty in the Operative Management of Prolapsing Hemorrhoids and Mucosal Rectal Prolapse, 519

HEPARINLESS CARDIOPULMONARY BYPASS
Traumatic Rupture of the Thoracic Aorta: Third Decade of Experience, 571

HEPATECTOMY
Liver Resection with Repair of Major Hepatic Veins, 58
Total versus Selective Hepatic Vascular Exclusion in Major Liver Resections, 173

HEPATIC ENCEPHALOPATHY
Branched Chain Amino Acids in Hepatic Encephalopathy, 424

HEPATIC FAILURE
Immediate Early Genes and p21 Regulation in Liver of Rats with Acute Hepatic Failure, 457

HEPATIC METASTASES
Cryoablation and Liver Resection for Noncolorectal Liver Metastases, 384

HEPATIC RESECTION
A 15-year Retrospective Study of Hepatic Resection for Stage IV-1 Hepatocellular Carcinoma Shows Value in Hepatitis B Negative Patients, 89

HEPATIC VEIN
Liver Resection with Repair of Major Hepatic Veins, 58

HEPATITIS B VIRUS SURFACE ANTIGEN
A 15-year Retrospective Study of Hepatic Resection for Stage IV-1 Hepatocellular Carcinoma Shows Value in Hepatitis B Negative Patients, 89

HEPATOCELLULAR CARCINOMA
A 15-year Retrospective Study of Hepatic Resection for Stage IV-1 Hepatocellular Carcinoma Shows Value in Hepatitis B Negative Patients, 89
Current Status of Liver Transplantation for Hepatocellular Cancer, 309
A Role for Matrix Metalloproteinases and Tumor Host Interaction in Hepatocellular Carcinomas, 588

HERNIA
Laparoscopic Diagnosis and Repair of Asymptomatic Bilateral Inguinal Hernias, 15
Late Infection After Mesh-plug Inguinal Hernioplasty (Letter), 603
The Use of the Kugel Mesh in Ventral Hernia Repairs, 642

HIERARCHY
Personal Observations on the Cultural Evolution in Academic Surgery, 345

HIP ARTHROPLASTY
Intrapelvic Complications After Total Hip Arthroplasty Failure, 75

HISTOLOGIC DIFFERENTIATION
The Clinicopathologic Significance of Histologic Vascular Invasion in Differentiated Thyroid Carcinoma, 80

HISTORY OF MEDICINE
History of the Department of Surgery in Cincinnati, 329

HISTORY OF SURGERY
A Neighbor's Perspective on Josef E. Fischer, 489

HOST DEFENSE
Factors Predisposing to Bacterial Invasion and Infection, 179

HUMAN
Survival in Human Colorectal Cancer Correlates with Expression of the T-cell Costimulatory Molecule OX-40 (CD134), 512

HUMANISM
The Medical Student as Patient Navigator as an Approach to Teaching Empathy, 660

β-HYDROXY-β-METHYLBUTYRATE
Reversal of Cancer-related Wasting Using Oral Supplementation with a Combination of β-Hydroxy-β-Methylbutyrate, Arginine, and Glutamine, 471

HYPERAMMONEMIA
Branched Chain Amino Acids in Hepatic Encephalopathy, 424

HYPOXIA
Deliberate Hypoxic Pelvic and Limb Chemoperfusion in the Treatment of Recurrent Melanoma, 28

I

ILEAL POUCH-ANAL ANASTOMOSIS
Quality of Life in Patients Undergoing Ileal Pouch-anal Anastomosis at the University of Cincinnati, 353

ILEAL POUCH RECTAL ANASTOMOSIS
Anatomic and Functional Characteristics of the Rat Ileal Pouch, 464

ILEUM
Direct Inhibitory Effect of Erythromycin on Human Alimentary Tract Smooth Muscle, 413

ILEUS
Gallstone Ileus with Cholecystoduodenal Fistula, 56

IMMEDIATE EARLY GENES
Immediate Early Genes and p21 Regulation in Liver of Rats with Acute Hepatic Failure, 457

IMMUNOLOGY
Factors Predisposing to Bacterial Invasion and Infection, 179

IMMUNONUTRITION
Nutritional Pharmacology in Surgical Patients, 349

IMMUNOTHERAPY
Survival in Human Colorectal Cancer Correlates with Expression of the T-cell Costimulatory Molecule OX-40 (CD134), 512

IMPLANT
Immediate Reconstruction After Mastectomy for Breast Cancer Does Not Prolong the Time to Starting Adjuvant Chemotherapy, 218

IMPROVED OUTCOME
The Timing of Fracture Treatment in Polytrauma Patients: Relevance of Damage Control Orthopedic Surgery, 622

INCISION
The Incision of Choice for Pregnant Women with Appendicitis is Through McBurney's Point, 20

INFECTION
Factors Predisposing to Bacterial Invasion and Infection, 179
Late Infection After Mesh-plug Inguinal Hernioplasty (Letter), 603
Nutritional Pharmacology in Surgical Patients, 349

INFLAMMATION
Mucosal and Enterocyte IL-6 Production During Sepsis and Endotoxemia Role of Transcription Factors and Regulation by the Stress Response, 372

INGUINAL HERNIA
Laparoscopic Diagnosis and Repair of Asymptomatic Bilateral Inguinal Hernias, 15
Late Infection After Mesh-plug Inguinal Hernioplasty (Letter), 603
Should Bilateral Inguinal Hernias be Repaired During One Operation?, 554

INNOVATION
Innovation in Surgery: The Rules of Evidence, 399

INTEGRINS
Role of integrins and Intracellular Adhesion Molecule-1 in Lung Injury After Intestinal Ischemia-Reperfusion, 70

INTERLEUKIN
Cytokines for Surgeons, 268

INTESTINAL ADAPTATION
Growth Factor Regulation of Enterocyte Nutrient Transport During Intestinal Adaptation, 361
Intestinal and Hepatic Response to Combined Partial Hepatectomy and Small Bowel Resection in Mice, 435

INTESTINAL TUBERCULOSIS
Intestinal Tuberculosis Presenting as a Bowel Obstruction, 290

INTESTINES
Role of integrins and Intracellular Adhesion Molecule-1 in Lung Injury After Intestinal Ischemia-Reperfusion, 70

INTRAHEPATIC CHOLANGIOCARCINOMA
Analysis of the Relationships between Clinicopathologic Factors and Survival Time in Intrahepatic Cholangiocarcinoma, 680

INTRAOPERATIVE COLONIC LAVAGE
Emergency Operations for Nondiverticular Perforation of the Left Colon, 256

INTRAPELVIC COMPLICATION
Intrapelvic Complications After Total Hip Arthroplasty Failure, 75

INTRAPERITONEAL CHEMOTHERAPY
Morbidity and Mortality Associated with Intraperitoneal Chemotherapy for Pseudomyxoma Peritonei, 529

INTRATHYROIDAL METASTASIS
The Clinicopathologic Significance of Histologic Vascular Invasion in Differentiated Thyroid Carcinoma, 80

INVESTIGATORS' RESPONSIBILITIES/RIGHTS
Consensus Statement on Scientific Data from Clinical Trials and Investigators' Responsibilities and Rights, 605

IPAA
Quality of Life in Patients Undergoing Ileal Pouch-anal Anastomosis at the University of Cincinnati, 353

ISCHEMIA/REPERFUSION
Role of integrins and Intracellular Adhesion Molecule-1 in Lung Injury After Intestinal Ischemia-Reperfusion, 70

J

JEJUNAL POUCH
Pancreaticojejunostomy with Invagination of Spatulated Pancreatic Stump into a Jejunal Pouch, 138

K

KUGEL MESH
The Use of the Kugel Mesh in Ventral Hernia Repairs, 642

L

LAPAROSCOPIC CHOLECYSTECTOMY
Percutaneous Transhepactic Cholecystostomy and Delayed Laparoscopic Cholecystectomy in Critically Ill Patients with Acute Calculus Cholecystitis, 62
The Role of Laparoscopic Cholecystectomy in the Management of Acute Cholecystitis in Patients with Sickle Cell Disease, 669

LAPAROSCOPIC FUNDOPLICATION
Early Esophageal Transit Study After Laparoscopic Fundoplication: How Useful Is It?, 226
Quality of Life and Symptomatic Outcome Three to Five Years After Laparoscopic Toupet Fundoplication in Gastroesophageal Reflux Disease Patients with Impaired Esophageal Motility, 110
Surgical Clips to Help Indentify Anatomy After a Nissen Fundoplication, 12

LAPAROSCOPIC SPLENECTOMY
Laparoscopic Splenectomy for Massive Splenomegaly, 192

LAPAROSCOPIC SURGERY
An Institutional Experience with Laparoscopic Gastric Bypass Complications Seen in the First Year Compared with Open Gastric Bypass Complications During the Same Period, 533

LAPAROSCOPIC TOUPET FUNDOPLICATION
Quality of Life and Symptomatic Outcome Three to Five Years After Laparoscopic Toupet Fundoplication in Gastroesophageal Reflux Disease Patients with Impaired Esophageal Motility, 110

LAPAROSCOPY
Effect of Laparoscopic Antireflux Surgery Upon Renal Blood Flow, 419
The Effect of Robotic Assistance on Learning Curves for Basic Laparoscopic Skills, 703
How Early is Early Laparoscopic Treatment of Acute Cholecystitis?, 232
Laparoscopic Diagnosis and Repair of Asymptomatic Bilateral Inguinal Hernias, 15

LARYNGEAL NERVE PALSY
Intraoperative Neuromonitoring of Surgery for Benign Goiter, 674

LAVAGE
Emergency Operations for Nondiverticular Perforation of the Left Colon, 256

LEARNING CURVES
The Effect of Robotic Assistance on Learning Curves for Basic Laparoscopic Skills, 703

LEFT COLONIC PERITONITIS
Emergency Operations for Nondiverticular Perforation of the Left Colon, 256

LEFT GASTRIC ARTERY
Subtotal Gastrectomy for Cancer Located in the Greated Curvature of the Middle Stomach with Prevention of the Left Gastric Artery, 693

LEG ULCERATION
Validation of Venous Leg Ulcer Guidelines in the United States and United Kingdom, 132

LEUKOCYTES
Role of integrins and Intracellular Adhesion Molecule-1 in Lung Injury After Intestinal Ischemia-Reperfusion, 70

LIGANDS
Clinical Potentials of Neuropeptide Y Family of Hormones, 430

LIVER
Argon Ion Beam Hemostasis with Albumin After Liver Resection, 584

LIVER REGENERATION
Intestinal and Hepatic Response to Combined Partial Hepatectomy and Small Bowel Resection in Mice, 435

LIVER RESECTION
Cryoablation and Liver Resection for Noncolorectal Liver Metastases, 384
Liver Resection with Repair of Major Hepatic Veins, 58

LIVER SURGERY
Total versus Selective Hepatic Vascular Exclusion in Major Liver Resections, 173

LIVER TRANSPLANTATION
Current Status of Liver Transplantation for Hepatocellular Cancer, 309
Extracorporeal Suture Technique for Suprahepatic Caval Anastomosis in Liver Transplantation, 156
Immunosuppression Impact on Long-term Cardiovascular Complications After Liver Transplantation, 595

LOCOREGIONAL CHEMOTHERAPY
Deliberate Hypoxic Pelvic and Limb Chemoperfusion in the Treatment of Recurrent Melanoma, 28

LONG-TERM OUTCOME
Management of Long-Term Failure After Colon Interposition for Benign Disease, 544

LONG-TERM RESULTS
Quality of Life and Symptomatic Outcome Three to Five Years After Laparoscopic Toupet Fundoplication in Gastroesophageal Reflux Disease Patients with Impaired Esophageal Motility, 110

LONG-TERM SURVIVAL
Analysis of the Relationships between Clinicopathologic Factors and Survival Time in Intrahepatic Cholangiocarcinoma, 680

LUNG
Role of integrins and Intracellular Adhesion Molecule-1 in Lung Injury After Intestinal Ischemia-Reperfusion, 70

LUNG INJURY SCORE
The Outcome of Early Pressure-controlled Inverse Ratio Ventilation on Patients with Severe Acute Respiratory Distress Syndrome in Surgical Intensive Care Unit, 151

LYMPH NODE METASTASIS
Analysis of the Relationships between Clinicopathologic Factors and Survival Time in Intrahepatic Cholangiocarcinoma, 680
Risk Factors Predictive of Lymph Node Metastasis in Depressed Early Gastric Cancer, 168

LYMPHATIC INVASION
The Clinicopathologic Significance of Histologic Vascular Invasion in Differentiated Thyroid Carcinoma, 80

LYMPHEDEMA
Sentinel Lymph Node Biopsy Results in Less Postoperative Morbidity Compared with Axillary Lymph Node Dissection for Breast Cancer, 23

M

MAGNETIC RESONANCE IMAGING
Preoperative Evaluation by Magnetic Resonance Imaging in Patients with Bowel Obstruction, 614

MALIGNANCY POTENTIAL
Nuclear Morphometric Analysis of T2 Lesions of the Rectum—A Simple, Reproducible Method for Predicting Malignancy Potential, 687

MANAGED CARE
The Impact of Practice Setting and Financial Incentives on Career Satisfaction and Perceived Practice Limitations among Surgeons, 222

MANAGEMENT ALGORITHMS
The Development of an Interactive Game-based Tool for Learning Surgical Management Algorithms via Computer, 305

MARKET DRIVEN
Personal Observations on the Cultural Evolution in Academic Surgery, 345

MASTECTOMY
Immediate Reconstruction After Mastectomy for Breast Cancer Does Not Prolong the Time to Starting Adjuvant Chemotherapy, 218
Perspective on Reconstruction After Mastectomy, 562

MATRIX METALLOPROTEINASE
A Role for Matrix Metalloproteinases and Tumor Host Interaction in Hepatocellular Carcinomas, 588

MECHANICAL BOWEL PREPARATION
Surgical Management of Acute Sigmoid Diverticulitis, 525

MEDICAL EDUCATION
Are Multiple Objective Measures of Student Performance Necessary?, 664
An Encounter Card System for Increasing Feedback to Students, 300
The Establishment of a Surgical Interest Society for Medical Students, 618
The Medical Student as Patient Navigator as an Approach to Teaching Empathy, 660

MEDICAL STUDENTS
The Medical Student as Patient Navigator as an Approach to Teaching Empathy, 660

MELANOMA
Deliberate Hypoxic Pelvic and Limb Chemoperfusion in the Treatment of Recurrent Melanoma, 28

MELPHALAN
Deliberate Hypoxic Pelvic and Limb Chemoperfusion in the Treatment of Recurrent Melanoma, 28

MESH-PLUG INGUINAL HERNIA
Late Infection After Mesh-plug Inguinal Hernioplasty (Letter), 603

META-ANALYSIS
Intrapelvic Complications After Total Hip Arthroplasty Failure, 75
A Meta-analysis of Randomized Controlled Trials That Compared Neoadjuvant Chemotherapy and Surgery to Surgery Alone for Resectable Esophageal Cancer, 274

METASTASIS
Analysis of the Relationships between Clinicopathologic Factors and Survival Time in Intrahepatic Cholangiocarcinoma, 680
Risk Factors Predictive of Lymph Node Metastasis in Depressed Early Gastric Cancer, 168
A Role for Matrix Metalloproteinases and Tumor Host Interaction in Hepatocellular Carcinomas, 588

MIDDLE STOMACH
Subtotal Gastrectomy for Cancer Located in the Greated Curvature of the Middle Stomach with Prevention of the Left Gastric Artery, 693

MINIMALLY INVASIVE SURGERY
Laparoscopic Splenectomy for Massive Splenomegaly, 192
Video-assisted Thyroid Lobectomy through a Small Wound in the Submandibular Area, 286

MITOMYCIN C
Morbidity and Mortality Associated with Intraperitoneal Chemotherapy for Pseudomyxoma Peritonei, 529

MMP
A Role for Matrix Metalloproteinases and Tumor Host Interaction in Hepatocellular Carcinomas, 588

MORBID OBESITY
An Assessment of Vertical Banded Gastroplasty—Roux-en-Y gastric bypass, 117

Results and Complications After Adjustable Gastric Banding (Letter), 99

MORBIDITY
A Critical Evaluation of the Morbidity and Mortality Conference, 246
Morbidity and Mortality Associated with Intraperitoneal Chemotherapy for Pseudomyxoma Peritonei, 529

MORTALITY
A Critical Evaluation of the Morbidity and Mortality Conference, 246

MUCOSA
Mucosal and Enterocyte IL-6 Production During Sepsis and Endotoxemia Role of Transcription Factors and Regulation by the Stress Response, 372

MUCOSAL IMMUNITY
Current Aspects of Mucosal Immunology and Its Influence by Nutrition, 390

MUCOSAL RECTAL PROLAPSE
Initial Experience with Stapled Anoplasty in the Operative Management of Prolapsing Hemorrhoids and Mucosal Rectal Prolapse, 519

MULTIPLE IPSILATERAL INVASIVE BREAST CANCERS
Conservative Surgery and Radiation Therapy for Macroscopically Multiple Ipsilateral Invasive Breast Cancers, 650

MULTIVARIATE ANALYSIS
A 15-year Retrospective Study of Hepatic Resection for Stage IV-1 Hepatocellular Carcinoma Shows Value in Hepatitis B Negative Patients, 89

N

NATIONAL BOARD OF MEDICAL EXAMINERS
Are Multiple Objective Measures of Student Performance Necessary?, 664

NECK INJURY
Identifying Patients at Risk for Intracranial and Extracranial Blunt Carotid Injuries, 566

NEOPLASM METASTASIS
The Utility of Routine Preoperative Computed Tomography Scanning in the Management of Veterans with Colon Cancer, 499

NEPHROTOXICITY
Immunosuppression Impact on Long-term Cardiovascular Complications After Liver Transplantation, 595

NERVE PALSY
Intraoperative Neuromonitoring of Surgery for Benign Goiter, 674

NEUROMONITORING
Intraoperative Neuromonitoring of Surgery for Benign Goiter, 674

NEW TECHNOLOGY
Innovation in Surgery: The Rules of Evidence, 399

NF-κB
Mucosal and Enterocyte IL-6 Production During Sepsis and Endotoxemia Role of Transcription Factors and Regulation by the Stress Response, 372

NISSEN FUNDOPLICATION
Effect of Laparoscopic Antireflux Surgery Upon Renal Blood Flow, 419

NITRIC OXIDE
Quantitative In Vivo Assessment of Arginine Utilization and Nitric Oxide Production in Endotoxemia, 480
Role of Nitric Oxide in Wound Repair, 406

NONDIVERTICULAR COLONIC PERFORATION
Emergency Operations for Nondiverticular Perforation of the Left Colon, 256

NONSENTINEL NODE METASTASIS
Predictors of Nonsentinel Lymph Node Metastasis in Breast Cancer Patients, 213

NPY
Clinical Potentials of Neuropeptide Y Family of Hormones, 430

NUCLEAR MORPHOMETRY
Nuclear Morphometric Analysis of T2 Lesions of the Rectum—A Simple, Reproducible Method for Predicting Malignancy Potential, 687

NUTRITION
Early Effects of Parathyroidectomy on Erythropoietin Production in Secondary Hyperparathyroidism, 199

NUTRITIONAL PHARMACOLOGY
Nutritional Pharmacology in Surgical Patients, 349

O

OBESITY
An Assessment of Vertical Banded Gastroplasty—Roux-en-Y gastric bypass, 117
An Institutional Experience with Laparoscopic Gastric Bypass Complications Seen in the First Year Compared with Open Gastric Bypass Complications During the Same Period, 533
Results and Complications After Adjustable Gastric Banding (Letter), 99

OBJECTIVE STRUCTURED CLINICAL EXAMINATIONS
Are Multiple Objective Measures of Student Performance Necessary?, 664
Is Attrition of Advanced Trauma Life Support Acquired Skills Affected by Trauma Patient Volume?, 142

OCTREOCIDE SCAN
Gastrinoma, 667

OCTREOTIDE
Prevention of Pancreatic Anastomotic Leakage After Pancreaticoduodenectomy, 42

OLIGOPEPTIDE TRANSPORT
Growth Factor Regulation of Enterocyte Nutrient Transport During Intestinal Adaptation, 361

OPERABLE RECTAL CANCER
Short-course Preoperative Radiation Therapy for Operable Rectal Cancer, 509

ORAL EXAMINATIONS
The Effect of Improving Communication Competency on the Certifying Examination of the American Board of Surgery, 655

ORAL SUPPLEMENTATION
Reversal of Cancer-related Wasting Using Oral Supplementation with a Combination of β-Hydroxy-β-Methylbutyrate, Arginine, and Glutamine, 471

ORTHOPEDIC SURGERY
The Timing of Fracture Treatment in Polytrauma Patients: Relevance of Damage Control Orthopedic Surgery, 622

OUTCOMES
Should Bilateral Inguinal Hernias be Repaired During One Operation?, 554

OVARIAN TORSION
Acute Ovarian Torsion in Children (Letter), 95

OX-40 (CD134)
Survival in Human Colorectal Cancer Correlates with Expression of the T-cell Costimulatory Molecule OX-40 (CD134), 512

P

p21
Immediate Early Genes and p21 Regulation in Liver of Rats with Acute Hepatic Failure, 457

PALSY
Intraoperative Neuromonitoring of Surgery for Benign Goiter, 674

PANCREAS
Morbidity, Mortality, and Technical Factors of Distal Pancreatectomy, 237
Traumatic Transection of the Pancreas, 191

PANCREATIC ANASTOMOTIC LEAKAGE
Prevention of Pancreatic Anastomotic Leakage After Pancreaticoduodenectomy, 42

PANCREATIC FISTULA
Pancreaticojejunostomy with Invagination of Spatulated Pancreatic Stump into a Jejunal Pouch, 138

PANCREATIC LEAK
Morbidity, Mortality, and Technical Factors of Distal Pancreatectomy, 237

PANCREATIC NEOPLASM
Effect of Hypergastrinemia on Pancreatic Carcinogenesis, 441

PANCREATICODUODENECTOMY
Pancreaticojejunostomy with Invagination of Spatulated Pancreatic Stump into a Jejunal Pouch, 138
Prevention of Pancreatic Anastomotic Leakage After Pancreaticoduodenectomy, 42

PANCREATICOJEJUNOSTOMY
Pancreaticojejunostomy with Invagination of Spatulated Pancreatic Stump into a Jejunal Pouch, 138

PANCREATITIS
Duodenum-preserving Pancreatic Head Resection Leads to Relief of Common Bile Duct Stenosis, 37
Whole Gut Washout Ameliorates Progression of Acute Experimental Pancreatitis (Letter), 96

PARATHYROIDECTOMY
Early Effects of Parathyroidectomy on Erythropoietin Production in Secondary Hyperparathyroidism, 199

PATIENT-PHYSICIAN RELATIONSHIP
The Medical Student as Patient Navigator as an Approach to Teaching Empathy, 660

PEPTIC ULCER DISEASE
Treatment of Infection in Patients with Peptic Ulcer Disease, 2

PERCUTANEOUS CHOLECYSTOSTOMY
Percutaneous Transhepactic Cholecystostomy and Delayed Laparoscopic Cholecystectomy in Critically Ill Patients with Acute Calculus Cholecystitis, 62

PERCUTANEOUS DRAINAGE
Pyogenic Hepatic Abscess with Biliary Communication, 205

PERCUTANEOUS THROMBIN INJECTION
Salvage of Failed Stent-Graft: Expanded Indication for Percutaneous Thrombin Injection (Letter), 600

PERCUTANEOUS TRACHEOSTOMY
Evaluation of a New Technique for Bedside Percutaneous Tracheostomy, 280

PERFORATED APPENDIX
Standardized Patient Care Guidelines Reduce Infectious Morbidity in Appendectomy Patients, 608

PERFORATED DIVERTICULITIS
Surgical Management of Acute Sigmoid Diverticulitis, 525

PERFUSION
Deliberate Hypoxic Pelvic and Limb Chemoperfusion in the Treatment of Recurrent Melanoma, 28

PERIOPERATIVE CARE
The Timing of Fracture Treatment in Polytrauma Patients: Relevance of Damage Control Orthopedic Surgery, 622

PERITONEAL FIBRINOLYTIC ACTIVITY
Peritoneal Fibrinolytic Activity in Peritonitis, 67

PERITONITIS
Emergency Operations for Nondiverticular Perforation of the Left Colon, 256
Peritoneal Fibrinolytic Activity in Peritonitis, 67

PEYER'S PATCHES
Anatomic and Functional Characteristics of the Rat Ileal Pouch, 464

PHARMACOECONOMICS
Pharmacoeconomics for Surgeons, 1
Treatment of *Helicobacter pylori* Infection in Patients with Peptic Ulcer Disease, 2

PILONIDAL SINUS
Excision and Primary Closure of Pilonidal Sinus Using a Drain for Antiseptic Wound Flushing, 209

PLASMINOGEN ACTIVATOR ACTIVITY
Peritoneal Fibrinolytic Activity in Peritonitis, 67

PNEUMOTHORAX
Prevention of Postoperative Pneumothorax in Patients Undergoing Cardiac Surgery, 551

POLYTRAUMA
The Timing of Fracture Treatment in Polytrauma Patients: Relevance of Damage Control Orthopedic Surgery, 622

POLYUNSATURATED FATTY ACIDS
Nutritional Pharmacology in Surgical Patients, 349

PORTRAITS
A Neighbor's Perspective on Josef E. Fischer, 489

POSTOPERATIVE COMPLICATIONS
A Decade of Experience with Transthoracic and Transhiatal Esophagectomy, 162
A Meta-analysis of Randomized Controlled Trials That Compared Neoadjuvant Chemotherapy and Surgery to Surgery Alone for Resectable Esophageal Cancer, 274
Total versus Selective Hepatic Vascular Exclusion in Major Liver Resections, 173

POUCHITIS
Anatomic and Functional Characteristics of the Rat Ileal Pouch, 464

PP
Clinical Potentials of Neuropeptide Y Family of Hormones, 430

PREGNANCY
The Incision of Choice for Pregnant Women with Appendicitis is Through McBurney's Point, 20

PREOPERATIVE CARE
The Utility of Routine Preoperative Computed Tomography Scanning in the Management of Veterans with Colon Cancer, 499

PREOPERATIVE RADIOTHERAPY
Short-course Preoperative Radiation Therapy for Operable Rectal Cancer, 509

PREPERITONEAL TECHNIQUE
Should Bilateral Inguinal Hernias be Repaired During One Operation?, 554

PRESSURE-CONTROLLED INVERSE RATIO VENTILATION
The Outcome of Early Pressure-controlled Inverse Ratio Ventilation on Patients with Severe Acute Respiratory Distress Syndrome in Surgical Intensive Care Unit, 151

PRIMARY ANASTOMOSIS
Surgical Management of Acute Sigmoid Diverticulitis, 525

PROFESSIONAL BEHAVIOR
The Effect of Improving Communication Competency on the Certifying Examination of the American Board of Surgery, 655

PROFESSIONAL PRIDE
Am I Still Proud to be a Surgeon?, 493

PROGNOSIS
Surgical Management of Renal Cell Carcinoma with Inferior Vena Cava Tumor Thrombus, 292

PROSPECTIVE RANDOMIZED TRIAL
Total versus Selective Hepatic Vascular Exclusion in Major Liver Resections, 173

PROSPECTIVE STUDIES
A Meta-analysis of Randomized Controlled Trials That Compared Neoadjuvant Chemotherapy and Surgery to Surgery Alone for Resectable Esophageal Cancer, 274

PROTEIN SYNTHESIS
Reversal of Cancer-related Wasting Using Oral Supplementation with a Combination of β-Hydroxy-β-Methylbutyrate, Arginine, and Glutamine, 471

PROTEOLYSIS
Reversal of Cancer-related Wasting Using Oral Supplementation with a Combination of β-Hydroxy-β-Methylbutyrate, Arginine, and Glutamine, 471

PSEUDOANEURYSM
Rupture of Splenic Artery Pseudoaneurysm Presenting with Massive Upper Gastrointestinal Bleed, 197

PSEUDOMYXOMA PERITONEI
Morbidity and Mortality Associated with Intraperitoneal Chemotherapy for Pseudomyxoma Peritonei, 529

PYOGENIC HEPATIC ABSCESSES
Pyogenic Hepatic Abscess with Biliary Communication, 205

PYY
Clinical Potentials of Neuropeptide Y Family of Hormones, 430

Q

QUALITY OF LIFE
Quality of Life and Symptomatic Outcome Three to Five Years After Laparoscopic Toupet Fundoplication in Gastroesophageal Reflux Disease Patients with Impaired Esophageal Motility, 110

R

RADIOGRAPH
Three-dimensional Computer Images of Stomach Disease, 87
The Utility of Routine Preoperative Computed Tomography Scanning in the Management of Veterans with Colon Cancer, 499

RADIOTHERAPY
Short-course Preoperative Radiation Therapy for Operable Rectal Cancer, 509

RANDOMIZED CONTROLLED TRIAL
A Meta-analysis of Randomized Controlled Trials That Compared Neoadjuvant Chemotherapy and Surgery to Surgery Alone for Resectable Esophageal Cancer, 274

RATS
Effect of Hypergastrinemia on Pancreatic Carcinogenesis, 441

RECEPTORS
Clinical Potentials of Neuropeptide Y Family of Hormones, 430

RECEPTORS-CHOLECYSTOKININ
Effect of Hypergastrinemia on Pancreatic Carcinogenesis, 441

RECONSTRUCTION
Immediate Reconstruction After Mastectomy for Breast Cancer Does Not Prolong the Time to Starting Adjuvant Chemotherapy, 218
Perspective on Reconstruction After Mastectomy, 562

RECTAL ADENOCARCINOMA
Nuclear Morphometric Analysis of T2 Lesions of the Rectum—A Simple, Reproducible Method for Predicting Malignancy Potential, 687

RECTAL CANCER
Effects of Positive Resection Margin and Tumor Distance from Anus on Rectal Cancer Treatment Outcomes, 504
Nuclear Morphometric Analysis of T2 Lesions of the Rectum—A Simple, Reproducible Method for Predicting Malignancy Potential, 687
Short-course Preoperative Radiation Therapy for Operable Rectal Cancer, 509

RECTAL PROLAPSE
Initial Experience with Stapled Anoplasty in the Operative Management of Prolapsing Hemorrhoids and Mucosal Rectal Prolapse, 519

RECURRENCE
The Clinicopathologic Significance of Histologic Vascular Invasion in Differentiated Thyroid Carcinoma, 80

RECURRENCE OF RECTAL CANCER
Nuclear Morphometric Analysis of T2 Lesions of the Rectum—A Simple, Reproducible Method for Predicting Malignancy Potential, 687

RECURRENT LARYNGEAL NERVE PALSY
Intraoperative Neuromonitoring of Surgery for Benign Goiter, 674

RENAL ANEMIA
Early Effects of Parathyroidectomy on Erythropoietin Production in Secondary Hyperparathyroidism, 199

RENAL BLOOD FLOW
Effect of Laparoscopic Antireflux Surgery Upon Renal Blood Flow, 419

RENAL CELL CARCINOMA
Surgical Management of Renal Cell Carcinoma with Inferior Vena Cava Tumor Thrombus, 292

RESECTION MARGINS
Effects of Positive Resection Margin and Tumor Distance from Anus on Rectal Cancer Treatment Outcomes, 504

RESIDENT LEARNERS
Identification of Teaching Excellence in Operating Room Clinic Settings, 251

REVIEW
Cytokines for Surgeons, 268
Role of Nitric Oxide in Wound Repair, 406

REVISION FUNDIPLICATION
Surgical Clips to Help Indentify Anatomy After a Nissen Fundoplication, 12

RISK FACTORS
Laparoscopic Diagnosis and Repair of Asymptomatic Bilateral Inguinal Hernias, 15
Risk Factors Predictive of Lymph Node Metastasis in Depressed Early Gastric Cancer, 168

ROBOTIC SURGERY
The Effect of Robotic Assistance on Learning Curves for Basic Laparoscopic Skills, 703

RULES OF EVIDENCE
Innovation in Surgery: The Rules of Evidence, 399

RUPTURE
Rupture of Splenic Artery Pseudoaneurysm Presenting with Massive Upper Gastrointestinal Bleed, 197

S

SAPHENOUS VEIN HARVEST
Endoscopic Greater Saphenous Vein Harvesting Reduces the Morbidity of Coronary Artery Bypass Surgery, 576

SCREENING
Identifying Patients at Risk for Intracranial and Extracranial Blunt Carotid Injuries, 566

SECONDARY INFECTIOUS PERITONITIS
Standardized Patient Care Guidelines Reduce Infectious Morbidity in Appendectomy Patients, 608

SENSITIVITY
Laparoscopic Diagnosis and Repair of Asymptomatic Bilateral Inguinal Hernias, 15

SENTINEL LYMPH NODE BIOPSY
Predictors of Nonsentinel Lymph Node Metastasis in Breast Cancer Patients, 213
Sentinel Lymph Node Biopsy Results in Less Postoperative Morbidity Compared with Axillary Lymph Node Dissection for Breast Cancer, 23

SENTINEL LYMPHADENECTOMY
A Comparison of Rates of Lymph Node Metastases Between Patients Undergoing Sentinel and Axillary Lymphadenectomy, 558

SEVERE DYSPHAGIA
Early Esophageal Transit Study After Laparoscopic Fundoplication: How Useful Is It?, 226

SHORT-COURSE
Short-course Preoperative Radiation Therapy for Operable Rectal Cancer, 509

SICKLE CELL DISEASE
The Role of Laparoscopic Cholecystectomy in the Management of Acute Cholecystitis in Patients with Sickle Cell Disease, 669

SKILLS ATTRITION
Is Attrition of Advanced Trauma Life Support Acquired Skills Affected by Trauma Patient Volume?, 142

SKIN GRAFTS
Principles and Practices for Treatment of Cutaneous Wounds with Cultured Skin Substitutes, 445

SMALL ABDOMINAL AORTIC ANEURYSM
Ten-year Outcome of Patients with Very Small Abdominal Aortic Aneurysm, 53

SMALL BOWEL OBSTRUCTION
Preoperative Evaluation by Magnetic Resonance Imaging in Patients with Bowel Obstruction, 614

SMALL BOWEL RESECTION
Intestinal and Hepatic Response to Combined Partial Hepatectomy and Small Bowel Resection in Mice, 435

SMOOTH MUSCLE
Direct Inhibitory Effect of Erythromycin on Human Alimentary Tract Smooth Muscle, 413

SPECIALTY BOUNDARIES
Blending Art and Science in Healthcare, or the Progressive Blurring of Traditional Specialty Boundaries, 103

SPECIFICITY
Laparoscopic Diagnosis and Repair of Asymptomatic Bilateral Inguinal Hernias, 15

SPLENECTOMY
Laparoscopic Splenectomy for Massive Splenomegaly, 192

SPLENIC ARTERY PSEUDOANEURYSM
Rupture of Splenic Artery Pseudoaneurysm Presenting with Massive Upper Gastrointestinal Bleed, 197

SPLENOMEGALY
Laparoscopic Splenectomy for Massive Splenomegaly, 192

STAGE IV
A 15-year Retrospective Study of Hepatic Resection for Stage IV-1 Hepatocellular Carcinoma Shows Value in Hepatitis B Negative Patients, 89

STAPLED ANOPLASTY
Initial Experience with Stapled Anoplasty in the Operative Management of Prolapsing Hemorrhoids and Mucosal Rectal Prolapse, 519

STENT-GRAFT
Salvage of Failed Stent-Graft: Expanded Indication for Percutaneous Thrombin Injection (Letter), 600

STOMACH DISEASES
Three-dimensional Computer Images of Stomach Disease, 87

STOP FLOW
Deliberate Hypoxic Pelvic and Limb Chemoperfusion in the Treatment of Recurrent Melanoma, 28

STRANGULATED BOWEL OBSTRUCTION
Preoperative Evaluation by Magnetic Resonance Imaging in Patients with Bowel Obstruction, 614

STUDENTS
An Encounter Card System for Increasing Feedback to Students, 300

SUBTOTAL GASTRECTOMY
Subtotal Gastrectomy for Cancer Located in the Greated Curvature of the Middle Stomach with Prevention of the Left Gastric Artery, 693

SUCTION DRAINAGE
Excision and Primary Closure of Pilonidal Sinus Using a Drain for Antiseptic Wound Flushing, 209

SURGEONS
A Neighbor's Perspective on Josef E. Fischer, 489

SURGERY
Cytokines for Surgeons, 268
Intraoperative Neuromonitoring of Surgery for Benign Goiter, 674
Surgical Management of Renal Cell Carcinoma with Inferior Vena Cava Tumor Thrombus, 292
The Utility of Routine Preoperative Computed Tomography Scanning in the Management of Veterans with Colon Cancer, 499

SURGERY CONFERENCES
A Critical Evaluation of the Morbidity and Mortality Conference, 246

SURGERY HISTORY
History of the Department of Surgery in Cincinnati, 329
Surgical Organizations in the 21st Century, 338

SURGICAL ALGORITHMS
The Development of an Interactive Game-based Tool for Learning Surgical Management Algorithms via Computer, 305

SURGICAL CLIPS
Surgical Clips to Help Indentify Anatomy After a Nissen Fundoplication, 12

SURGICAL COMPLICATIONS
An Institutional Experience with Laparoscopic Gastric Bypass Complications Seen in the First Year Compared with Open Gastric Bypass Complications During the Same Period, 533
Standardized Patient Care Guidelines Reduce Infectious Morbidity in Appendectomy Patients, 608

SURGICAL EDUCATION
An Assessment of Surgical Education, 106

SURGICAL INFECTION
Nutritional Pharmacology in Surgical Patients, 349

SURGICAL MARGINS
Conservative Surgery and Radiation Therapy for Macroscopically Multiple Ipsilateral Invasive Breast Cancers, 650

SURGICAL RESULTS
Clinical and Functional Results After Elective Colonic Resection in 75 Consecutive Patients With Diverticular Disease, 7

SURGICAL SKILL EVALUATION
A Role for Error Training in Surgical Technical Skill Instruction and Evaluation, 242

SURGICAL SKILL INSTRUCTION
A Role for Error Training in Surgical Technical Skill Instruction and Evaluation, 242

SURGICAL SOCIETIES
The Establishment of a Surgical Interest Society for Medical Students, 618

SURGICAL TEACHING
Identification of Teaching Excellence in Operating Room Clinic Settings, 251

SURGICAL TEXTS
Surgical Treatment—Evidence-based and Problem-oriented (Book Review), 101

SUTURE TECHNIQUE
Extracorporeal Suture Technique for Suprahepatic Caval Anastomosis in Liver Transplantation, 156

T

T CELL
Survival in Human Colorectal Cancer Correlates with Expression of the T-cell Costimulatory Molecule OX-40 (CD134), 512

TEACHING
Identification of Teaching Excellence in Operating Room Clinic Settings, 251

TENSION-FREE REPAIRS
Should Bilateral Inguinal Hernias be Repaired During One Operation?, 554

18TH CENTURY
History of the Department of Surgery in Cincinnati, 329

19TH CENTURY
History of the Department of Surgery in Cincinnati, 329

20TH CENTURY
History of the Department of Surgery in Cincinnati, 329
A Neighbor's Perspective on Josef E. Fischer, 489

THORACOSTOMY
Prevention of Postoperative Pneumothorax in Patients Undergoing Cardiac Surgery, 551

THROMBIN
Salvage of Failed Stent-Graft: Expanded Indication for Percutaneous Thrombin Injection (Letter), 600

THYROID
Intraoperative Neuromonitoring of Surgery for Benign Goiter, 674
Video-assisted Thyroid Lobectomy through a Small Wound in the Submandibular Area, 286

THYROIDECTOMY
Video-assisted Thyroid Lobectomy through a Small Wound in the Submandibular Area, 286

TIME FACTORS
How Early is Early Laparoscopic Treatment of Acute Cholecystitis?, 232

TIMING
When Should We Operate on Major Fractures in Patients with Severe Head Injuries?, 261

TIMP
A Role for Matrix Metalloproteinases and Tumor Host Interaction in Hepatocellular Carcinomas, 588

TISSUE INHIBITOR OF METALLOPROTEINASE
A Role for Matrix Metalloproteinases and Tumor Host Interaction in Hepatocellular Carcinomas, 588

TOMOGRAPHY
The Utility of Routine Preoperative Computed Tomography Scanning in the Management of Veterans with Colon Cancer, 499

TOTAL HIP ARTHROPLASTY
Intrapelvic Complications After Total Hip Arthroplasty Failure, 75

TRAINING
The Effect of Robotic Assistance on Learning Curves for Basic Laparoscopic Skills, 703

TRAM FLAP
Immediate Reconstruction After Mastectomy for Breast Cancer Does Not Prolong the Time to Starting Adjuvant Chemotherapy, 218

TRANSAMINATION
Branched Chain Amino Acids in Hepatic Encephalopathy, 424

TRAUMA
Evaluation of a New Technique for Bedside Percutaneous Tracheostomy, 280
Identifying Patients at Risk for Intracranial and Extracranial Blunt Carotid Injuries, 566

TRAUMATIC AORTIC INJURY
Traumatic Rupture of the Thoracic Aorta: Third Decade of Experience, 571

TREATMENT
Shouldn't Cost be Considered a Significant Issue in Medical Care?, 4
Validation of Venous Leg Ulcer Guidelines in the United States and United Kingdom, 132

TUBERCULOSIS
Intestinal Tuberculosis Presenting as a Bowel Obstruction, 290

TUMOR DISTANCE
Effects of Positive Resection Margin and Tumor Distance from Anus on Rectal Cancer Treatment Outcomes, 504

U

ULCERATIVE COLITIS
Quality of Life in Patients Undergoing Ileal Pouch-anal Anastomosis at the University of Cincinnati, 353

ULTRASONOGRAPHIC SURVEILLANCE
Ten-year Outcome of Patients with Very Small Abdominal Aortic Aneurysm, 53

UNDERGRADUATE MEDICAL EDUCATION
Are Multiple Objective Measures of Student Performance Necessary?, 664

UREMIC TOXIN
Early Effects of Parathyroidectomy on Erythropoietin Production in Secondary Hyperparathyroidism, 199

V

VASCULAR OCCLUSION
Total versus Selective Hepatic Vascular Exclusion in Major Liver Resections, 173

VENOUS DISEASE
Validation of Venous Leg Ulcer Guidelines in the United States and United Kingdom, 132

VENOUS WALL REPAIR
Liver Resection with Repair of Major Hepatic Veins, 58

VENTRAL HERNIA REPAIR
The Use of the Kugel Mesh in Ventral Hernia Repairs, 642

VERTICAL BANDED GASTROPLASTY—ROUX-EN-Y GASTRIC BYPASS
An Assessment of Vertical Banded Gastroplasty—Roux-en-Y gastric bypass, 117

VIRTUAL COMPUTED TOMOGRAPHY COLONGRAPHY
Detection of Colorectal Lesions with Virtual Computed Tomographic Colonography, 124

VOLUME-CYCLED CONVENTIONAL RATIO VENTILATION
The Outcome of Early Pressure-controlled Inverse Ratio Ventilation on Patients with Severe Acute Respiratory Distress Syndrome in Surgical Intensive Care Unit, 151

W

WHIPPLES OPERATION
Pancreaticojejunostomy with Invagination of Spatulated Pancreatic Stump into a Jejunal Pouch, 138

WOMEN SURGEONS
Perceptions of Women Medical Students and Their Influence on Career Choice, 146

WOUND CLOSURE
Principles and Practices for Treatment of Cutaneous Wounds with Cultured Skin Substitutes, 445

WOUND HEALING
Role of Nitric Oxide in Wound Repair, 406
Validation of Venous Leg Ulcer Guidelines in the United States and United Kingdom, 132

WOUND INFECTION
Endoscopic Greater Saphenous Vein Harvesting Reduces the Morbidity of Coronary Artery Bypass Surgery, 576